

Notice of Allowability

Application No.

09/864,009

Examiner

Rasha S. AL-Aubaidi

Applicant(s)

HETTISH, MARK BERNARD

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2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment faxed on 05/31/2005.
2. ☒ The allowed claim(s) is/are 3-12 and 15-24 which have been renumbered as 2-7, 1, 8-10, 12-17, 11, and 18-20.
3. ☒ The drawings filed on 05/23/2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

*Terminal Disclaimer filed
4/26/05 has been accepted*

Ahmad F. Matar
AHMAD F. MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicant's attorney Mr. Frank Montgomery on May 31, 2005.

2. **In the claims:**

1. (Canceled)
2. (Canceled)
3. (Currently Amended) A control interface according to claim 2 9, wherein ActiveX properties are mapped to session configuration.
4. (Currently Amended) A control interface according to claim 2 9, wherein ActiveX includes property pages and said property pages are mapped to session configuration.
5. (Currently Amended) A control interface according to 2 9, wherein ActiveX methods and events are mapped to startup and teardown a connection between said computer supported telephony application and the PBX switch.
6. (Currently Amended) A control interface according to claim 2 9, wherein substantially all CSTA and private data fields are supported.
7. (Currently Amended) A control interface according to claim 2 9, wherein the

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control interface includes an invoke ID manager, and invoke ID generation is automatic and configurable.

8. (Currently Amended) A control interface according to claim 2 9, wherein the control interface includes an invoke ID manager, and invoke ID timing is automatic and configurable.

9. (Previously Presented) A control interface for linking a computer supported telephony application with a PBX switch utilizing CSTA protocols, said control interface comprising:

(a) a computing platform coupled to the PBX switch;

(b) a computer supported telephony application running on said computing platform; and

(c) component based interface objects running on said computing platform, said component based interface objects defining properties, methods, and events, said properties, methods and events being mapped to control substantially every event and service of said PBX switch, wherein said computer supported telephony application controls substantially every event and service of said PBX switch via said component based interface objects;

wherein said component based interface objects is ActiveX;

wherein the control interface includes a heartbeat message manager, and heartbeat messages and replies are automatically generated.

10. (Original) A control interface according to claim 9, wherein said heartbeat messages and replies are configurable.

11. (Currently Amended) A control interface according to claim 2 9, wherein statuses and errors are automatically logged.

12. (Original) A control interface according to claim 11, wherein said statuses and errors are viewable via ActiveX property pages.

13. (Canceled)

14. (Canceled)

15. (Currently Amended) A method according to claim 44 21, wherein ActiveX properties are mapped to session configuration.

16. (Currently Amended) A method according to claim 44 21, wherein ActiveX includes property pages and said property pages are mapped to session configuration.

17. (Currently Amended) A method according to claim 44 21, wherein ActiveX methods and events are mapped to startup and teardown a connection between said computer supported telephony application and the PBX switch.

18. (Currently Amended) A method according to claim 44 21, wherein substantially all CSTA and private data fields are supported.

19. (Currently Amended) A method according to claim 44 21, wherein component based interface objects manage invoke ID generation, and invoke ID generation is automatic and configurable.

20. (Currently Amended) A method according to claim 44 21, wherein component based interface objects manage invoke ID timing, and invoke ID timing is automatic and configurable.

21. (Previously Presented) A method for linking a computer supported telephony application with a PBX switch utilizing CSTA protocols, said method comprising the steps of:

- (a) coupling a computing platform to the PBX switch;
- (b) running a computer supported telephony application on said computing platform; and
- (c) running component based interface objects on said computing platform, said component based interface objects defining properties, methods, and events, said properties, methods and events being mapped to control substantially every event and service of said PBX switch, wherein said computer supported telephony application controls substantially every event and service of said PBX switch via said component based interface objects;

wherein said component based interface objects is ActiveX;

wherein component based interface objects manage heartbeat messages, and heartbeat messages and replies are automatically generated.

22. (Original) A method according to claim 21, wherein said heartbeat messages and replies are configurable.

23. (Currently Amended) A method according to claim ~~44~~ 21, wherein statuses and errors are automatically logged.

24. (Original) A method according to claim 23, wherein said statuses and errors are viewable via ActiveX property pages.

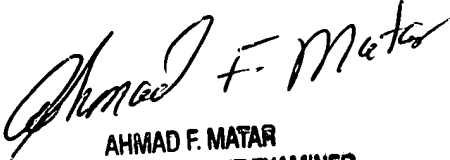
Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (571) 272-7481. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F. Matar, can be reached on (571) 272-7488.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner
Rasha S. Al-Aubaidi
Art Unit 2642
04/14/2005


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